

Summary of Inflation Impacts

Consideration reporting the plant	(\$ Mi	llions)	TO THE OWNER OF	to David	
The Property of the State of th	Effective Date	FY 2020	FY 2021	FY 2022	FY 2023
General Fund	45.				
Corporation Tax Minimum	1/1/2020			\$2.796	2.882
Driver's License Fee	7/1/2019	\$1.462	\$1.298	1.479	1.313
Light Vehicle Registration	7/1/2019	17.817	18.016	18.340	18.670
Electrical Energy Tax	7/1/2019	14.142	14.431	14.431	14.431
Wholesale Energy Trans. Tax	7/1/2019	1.591	1.600	1.600	1.600
Beer Tax	7/1/2019	3.716	3.710	3.706	3.703
Cigarette Tax	7/1/2019	6.120	6.092	6.055	6.019
Tobacco Tax	7/1/2019	1.135	1.147	1.162	1.177
Wine Tax	7/1/2019	3.465	3.562	3.676	3.793
General Fund Total		49.449	49.856	53.246	53.588
State Special Revenue					
Driver's License Fee	7/1/2019	\$0.347	\$0.307	\$0.351	0.310
Beer Tax	7/1/2019	1.246	1.244	1.242	1.241
Cigarette Tax	7/1/2019	8.236	8.191	8.142	8.093
Tobacco Tax	7/1/2019	1.264	1.277	1.294	1.310
Wine Tax	7/1/2019	1.676	1.722	1.777	1.834
State Special Revenue Total		12.769	12.741	12.806	12.790
Total Impact		\$62.217	\$62.597	\$66.052	\$66.378



Inflation Quick Notes Corporation Minimum Tax

Tax Rates

In Montana, corporations must pay a minimum tax of \$50 for the privilege of doing business in the state. In calendar year 2015, which is the most recent available data, 9,585 corporations paid the minimum tax; on average, about 58% of corporations pay the minimum tax. The minimum tax of \$50 was established in 1969.

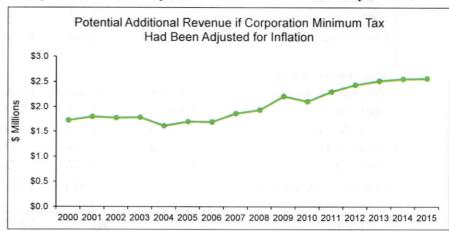
Current minimum tax: \$50 Last rate change: 1969 2018 inflation factor: 6.80 Inflation adjusted rate: \$340

Potential Fiscal Impact

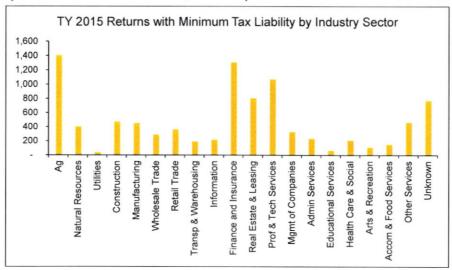
Assuming that the number of corporate filers who pay the minimum tax would remain unchanged, adjusting the minimum tax for inflation effective for tax years 2020 and beyond would increase revenue by about \$3 million

per year. Note that there may be a delay in the realization of the revenue, since corporation tax returns are typically filed over a year past the end of the tax year.

The chart to the right shows the potential additional revenue that would have been generated by year since 2000 if the minimum tax had been adjusted for inflation.



The chart below shows the number of 2015 corporation income tax returns with a \$50 minimum liability, broken out by industry sector. The agriculture, forestry & fishing sector had the highest number of minimum tax returns at 1,408, followed by finance & insurance with 1,307 and professional & technical services with 1,072.



Inflation Quick Notes Driver's License Fee

Tax Rates

Current fee rate: \$40/8-year license

Last rate change: 2004 2018 inflation factor: 1.358

Inflation adjusted rate: \$53/8-year license

Potential Consumer Impact

Fee increase per 8-year license: \$13

Other States Comparison

	License Fee
	Annual Avg
Statistics	\$/Year
All States Average Fee	\$6.95
All States Median Fee	\$5.75
Maximum Fee	\$21.25
Montana Fee	\$5.00
Montana Fee if Adjusted	\$6.63
Montana Rank	30
Montana Rank if Adjusted	17

Potential Fiscal Impact

Revenue Ir	npact if Inflation	Adjustment i	s Implemente	ed July 1, 2019	9
	1050	(\$ Millions)			
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund					
Inflation Adjusted	\$3.913	\$5.921	\$5.255	\$5.989	\$5.315
Current Law	3.913	4.459	3.957	4.510	4.002
GF Impact		1.462	1.298	1.479	1.313
State Special Revenue					
Inflation Adjusted	0.925	\$1.403	\$1.243	\$1.419	\$1.257
Current Law	0.925	1.057	0.936	1.069	0.947
SSR Impact	0 - 1	0.347	0.307	0.351	0.310
Total Impact		\$1.809	\$1.605	\$1.829	\$1.623
		-			- 356

Statutory Reference

Tax Rates - Duplicate licenses: 61-5-114, MCA; all others: 61-5-111(6), MCA

Tax Distribution – <u>61-5-121, MCA</u> Date Due – Upon application



Inflation Quick Notes Vehicle Tax

Tax Rates

Current tax rate: Age of vehicle = 0-4 years: \$217; Age = 5-10 years: \$87; Age ≥ 11 years: \$28 Last rate change: 2005; however, this analysis offsets for SSR fee increases of \$5 and 3% in 2017

2018 inflation factor: 1.289

Inflation adjusted rate less offset: Age = 0-4 years: \$268; Age = 5-10 years: \$104; Age ≥ 11 years: \$28

Potential Consumer Impact

Tax increase: Age of vehicle = 0-4 years: \$51; Age = 5-10 years: \$17; Age ≥ 11 years: \$0

Other States Comparison

Registration fees vary significantly from state to state. Many states asses a flat fee while other states utilize a scale based on weight, vehicle age or taxable value. The comparison below assumes a new vehicle with a MSRP of \$25,000 and a weight of 3,500 lbs.—roughly equivalent to a Subaru Outback. Sales taxes are averaged over four years.

	Reg. Fee	Annual Reg &
	New \$25K Car	25% Sales Tax
Statistics	\$/Year	New \$25K Car
All States Average	\$81	\$389
All States Median	\$43	\$405
Maximum	\$446	\$793
Montana Fee	\$217	\$217
Montana Fee if Adjusted	\$280	\$280
Montana Rank	6	46
Montana Rank if Adjusted	4	41

Potential Fiscal Impact

Revenue	Impact if Inflation Ad	djustment with C	Offset is Implem	ented July 1, 20	19
		(\$ Millions)		200	
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund					
Inflation Adjusted	\$91.069	\$110.003	\$111.146	\$112.588	\$114.049
Current Law	91.069	92.186	93.130	94.247	95.378
General Fund Impact	1 1 1 1	\$17.817	\$18.016	\$18.340	\$18.670

Statutory Reference

Tax Rate – Watercraft, snowmobiles, off-highway vehicles (OHV), and light vehicles registrations: 61-3-321, MCA; vehicles greater than 1 ton: 61-3-529, MCA

Tax Distribution - 61-3-509, MCA

Date Due - Revenue for prior month is due on or before the 20th of the month (15-1-504, MCA; 61-3-509, MCA).



Inflation Quick Notes Electrical Energy Tax

Tax Rates

Current tax rate: \$0.20/MWh Last rate change: 1977 2018 inflation factor: 4.209

Inflation adjusted rate: \$0.83/MWh

Potential Consumer Impact

Increased taxes for electrical generation companies, with potential for higher power costs to consumers.

Other States Comparison

Unable to find comparable data for other states.

Potential Fiscal Impact

Revenue	Impact if Inflation	Adjustment i	s Implemente	ed July 1, 201	9
	10.7	(\$ Millions)		E 1994	
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund					
Inflation Adjusted	\$4.526	\$18.549	\$18.928	\$18.928	\$18.928
Current Law	4.526	4.407	4.497	4.497	4.497
Total Impact	ngorna - di	\$14.142	\$14.431	\$14.431	\$14.431

Statutory Reference

Tax Rate - 15-51-101, MCA

Tax Distribution - 17-2-124(2), MCA; 15-51-103, MCA

Date Due - Thirty days after the end of the calendar quarter (15-51-101, MCA; 15-51-102, MCA)



Inflation Quick Notes Wholesale Energy Trans. Tax

Tax Rates

Current tax rate: \$0.15/MWh Last rate change: 2000 2018 inflation factor: 1.460

Inflation adjusted rate: \$0.22/MWh

Potential Consumer Impact

Increased taxes for electrical generation companies, with potential for higher power costs to consumers.

Other States Comparison

Unable to find comparable data for other states.

Potential Fiscal Impact

Revenue I	mpact if Inflation	Adjustment	is Implemente	ed July 1, 201	19
		(\$ Millions)		REE .	
4	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund					
Inflation Adjusted	\$3.513	\$5.051	\$5.080	\$5.080	\$5.080
Current Law	3.513	3.460	3.480	3.480	3.480
Total Impact	** st 3	\$1.591	\$1.600	\$1.600	\$1.600

Statutory Reference

Tax Rate - 15-72-104(1), MCA

Tax Distribution - 15-72-106(3), MCA

Date Due - 30th day of the month following the end of the calendar quarter (15-72-110, MCA)



Inflation Quick Notes Beer Tax

Tax Rates

Current tax rate: varies by # barrels produced: \$1.30/barrel (<5,000); \$2.30/barrel (5,001 – 10,000); \$4.30/barrel (10,001+)

Last rate change for production above 20,000: 1987

2018 inflation factor: 2.221

Inflation adjusted rate: \$1.30/barrel (<5,000); \$2.30/barrel (5,001 - 10,000); \$4.30/barrel (10,001 - 20,000);

\$9.55/barrel (20,001+)

Potential Consumer Impact

Tax increase per 12-oz can: \$0.02 Tax increase per 6-pack: \$0.10

Other States Comparison

	Beer Tax	Total Beer
	Only	& Sales Tax
Statistics	\$/Barrel	on \$8 6-pack
All States Average Tax	\$10.73	\$0.62
All States Median Tax	\$7.75	\$0.62
Maximum Tax	\$39.99	\$1.29
Montana Tax	\$4.30	\$0.08
Montana Tax if Adjusted	\$9.55	\$0.17
Montana Rank	39	49
Montana Rank if Adjusted	21	47

Potential Fiscal Impact

Revenue Im	pact if Inflation	Adjustment is (\$ Millions)	s Implemente	ed July 1, 2019	9
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund	4 3 5	. 112			
Inflation Adjusted	\$3.046	\$6.758	\$6.748	\$6.741	\$6.734
Current Law	3.046	3.042	3.038	3.035	3.032
GF Impact	-	3.716	3.710	3.706	3.703
State Special Revenue					
Inflation Adjusted	1.022	\$2.267	\$2.262	\$2.260	\$2.257
Current Law	1.022	1.020	1.018	1.017	1.016
SSR Impact	· *C - 1	1.246	1.244	1.242	1.241
Total Impact	V. 112. S	\$4.962	\$4.954	\$4.949	\$4.944

Statutory Reference

Tax Rate – <u>16-1-406, MCA</u> Distribution – 16-1-406, MCA

Date Due - end of the month and collected in the next month (16-1-406(2), MCA)



Inflation Quick Notes Cigarette Tax

Tax Rates

Current tax rate: \$1.70/pack Last rate change: 2006 2018 inflation factor: 1.242

Inflation adjusted rate: \$2.11/pack

Potential Consumer Impact

Tax increase per pack: \$0.41

Other States Comparison

	Cigarette Tax	Total Cigarette
	Only	& Sales Tax
Statistics	\$/Pack	on \$6 pack
All States Average Tax	\$1.67	\$1.99
All States Median Tax	\$1.57	\$1.75
Maximum Tax	\$4.35	\$4.59
Montana Tax	\$1.70	\$1.70
Montana Tax if Adjusted	\$2.11	\$2.11
Montana Rank	21	28
Montana Rank if Adjusted	13	19

Potential Fiscal Impact

Revenue	Impact if Inflation		is Implemente	ed July 1, 201	9
		(\$ Millions)	SC 101 19 J		Lange Edward
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund			1971	6 7.4	2100
Inflation Adjusted	\$30.190	\$36.135	\$35.966	\$35.751	\$35.536
Current Law	30.190	30.014	29.875	29.695	29.517
GF Impact		6.120	6.092	6.055	6.019
State Special Revenue					
Inflation Adjusted	40.656	48.625	48.363	48.073	47.785
Current Law	40.656	40.389	40.172	39.931	39.691
SSR Impact	1151 -	8.236	8.191	8.142	8.093
Total Impact	NEO SE	\$14.356	\$14.283	\$14.198	\$14.112

Assumes demand elasticity of -45%

Statutory Reference

Tax Rate – 16-11-111, MCA; Tax Distribution – 16-11-119, MCA; Date Due – Within 30 days after purchase of the insignia (16-11-117, MCA)



Inflation Quick Notes Tobacco Tax

Tax Rates

Current tax rate: \$0.85/oz. Last rate change: 2006 2018 inflation factor: 1.242 Inflation adjusted rate: \$1.06/oz.

Potential Consumer Impact

Tax increase per can of chewing tobacco: \$0.25

Other States Comparison

The tax rates associated with non-cigarette tobacco products vary across states. Most states tax based on the wholesale price, while some states—including Montana—place a different tax rate on chewing tobacco. The combined effective tobacco tax rate in the adjacent table assumes the national average share of 60% of other tobacco product spending is on chewing tobacco. The total tobacco and sales tax calculation assumes an average wholesale price of \$2 for a can of chew.

Snuff Tax	Comb. Eff.	Total Tobacco
Only	Tobacco	& Sales Tax
\$/oz	Tax Rate	\$2 Whsl Tin
\$1.06	42%	\$1.19
\$0.80	33%	\$0.96
\$2.57	129%	\$3.63
\$0.85	51%	\$1.02
\$1.06	58%	\$1.27
9/18	15	20
8/18	14	18
	Only \$/oz \$1.06 \$0.80 \$2.57 \$0.85 \$1.06	Only Tobacco \$/oz Tax Rate \$1.06

Potential Fiscal Impact

Revenue Impact if Inflation Adjustment is Implemented July 1, 2019 (\$ Millions)									
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023				
General Fund		Yes							
Inflation Adjusted	\$6.742	\$7.965	\$8.051	\$8.156	\$8.262				
Current Law	6.742	6.830	6.904	6.993	7.084				
GF Impact	-	1.135	1.147	1.162	1.177				
State Special Revenue									
Inflation Adjusted	7.510	8.869	8.961	9.077	9.195				
Current Law	7.510	7.605	7.684	7.784	7.885				
SSR Impact	-	1.264	1.277	1.294	1.310				
Total Impact		\$2.399	\$2.424	\$2.456	\$2.488				

Assumes demand elasticity of -45%

Statutory Reference

Tax Rate - 16-11-111(7), MCA

Tax Distribution - 16-11-114(2), MCA; 16-11-119(3), MCA; Date Due - 16-11-111(8), MCA



Inflation Quick Notes Wine Tax

Tax Rates

Current tax rate: \$0.27/liter Last rate change: 1986 2018 inflation factor: 2.270 Inflation adjusted rate: \$0.61/liter

Potential Consumer Impact

Tax increase per bottle: \$0.26
Tax increase per 5-oz serving: \$0.05

Other States Comparison

	Wine Tax	Total Wine & Sales Tax on \$15 Bottle	
	Only		
Statistics	\$/Liter		
All States Average Tax	\$0.23	\$0.97	
All States Median Tax	\$0.22	\$1.02	
Maximum Tax	\$0.84	\$1.63	
Montana Tax	\$0.27	\$0.20	
Montana Tax if Adjusted	\$0.61	\$0.44	
Montana Rank	19	47	
Montana Rank if Adjusted	3	47	

Potential Fiscal Impact

Revenue Impact if Inflation Adjustment is Implemented July 1, 2019								
		(\$ Millions)	o implomonic	od odly 1, 201	0			
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023			
General Fund								
Inflation Adjusted	\$2.646	\$6.194	\$6.366	\$6.570	\$6.780			
Current Law	2.646	2.729	2.805	2.894	2.987			
GF Impact		3.465	3.562	3.676	3.793			
State Special Revenue								
Inflation Adjusted	1.280	2.996	3.078	3.177	3.278			
Current Law	1.280	1.320	1.356	1.399	1.444			
SSR Impact		1.676	1.722	1.777	1.834			
Total Impact	West State of State o	\$5.141	\$5.284	\$5.453	\$5.627			

Statutory Reference

Tax Rates - 16-1-411(1), MCA; 16-2-301(2), MCA

Tax Distribution - 16-1-411(3), MCA; 16-2-301(2), MCA

Date Due – 15th day of the month following the sale from the distributor's warehouse (16-1-411(2), MCA)